

Application No. 10/628,677
January 31, 2007
Amendment responsive to Office Action of November 1, 2006

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In the Specification:

Please amend paragraph 35 as indicated below:

[0035] Another approach is to use a series of power splitters and switches useful for any embodiment of the present invention. FIG. 5 shows such an example arrangement with a single power splitter 51. Modulation control switch 34 (also shown in FIGS. 3 and 4), is a single-pole, single-throw switch that selects either an infinite impedance if a "+1" is to be sent, or grounds antenna 35 if a "0" or "-1" is to be sent. The output at contact 34c of modulation control switch 34 is connected to power shunting switch 52a, a double-pole, single-throw switch that serves to connect contact 34c either directly to antenna 35 or through power splitter 51. Power splitter 51 serves to reduce the level of the signal by passing a portion to ground through resistance 51a and the remainder through power shunting switch 52b to antenna 15. Of course, this only occurs when a "+1" has been selected to be sent. When a "0" or "-1" is to be sent, power shunting switch 52a,b connects antenna 35 to contact 34a-34b of modulation control switch 34, an infinite impedance. It is easy to understand how this circuit could be cascaded so that desired levels of control of modulated reflectance output of the present energy can be easily attained.